

RUMEN BYPASS ENERGY

Ener GII™

Ener GII™ is a palatable, patented formula of calcium salts of long-chain fatty acids. This chemical structure makes calcium salts inert in the rumen, yet highly digestible in the small intestine. Calcium salts are the most thoroughly researched bypass energy source in the world. Ener GII™ is an essential, safe, concentrated source of rumen bypass energy used to decrease per unit cost of milk production and maximize profit.

Product specifications

Total fat (min)	85%
Calcium (min)	8.0%
(max)	9.5%

Typical nutritional properties

Total fat	85-87%
Net energy of lactation	2.96 Mcal/lb
Calcium	9.0%
Palatability*	Good

Packaging

Ener GII™ is available as an ingredient in the majority of commercial dry feeds from your local feed manufacturer, or in 50 lb (22.68 kg) net weight multiwalled bags, palletted and stretch wrapped.

Handling characteristics

Ener GII™ is suitable for use in all commercial dry feeds, total mixed rations, and on-farm top dressing programs. Ener GII™ is a free-flowing, dry, granular material that can be stored in overhead bins, and does not melt, freeze, or deteriorate during storage. Consult your feed manufacturer representative for more detailed handling guidelines.

Analytical testing method

To analyze for the fat content of Ener GII™ or feeds containing Ener GII™, use AOAC (1990) method 954.02.

* When compared to other fat sources. A short adaptation period is recommended.

For a better bottom line.™



Ener GII™
CALCIUM SALTS OF FATTY ACIDS

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Directions for use

Ener GII™ should be added to rations whenever energy intake becomes a concern or cows are in negative energy balance (losing body condition). This typically occurs:

- *In high-producing dairy cows.*
- *During periods of environmental stress (heat, cold, mud, crowding) or other periods of less than optimum dry matter intake.*
- *With aggressive milking programs.*
- *In first-calf heifers.*

Feeding recommendations

Ener GII™ should be fed at the rate of .5 - 3.0 lbs/head/day, depending upon production level, days in lactation, and other feed ingredients available in the ration. For more specific recommendations, we suggest you contact your nutritional advisor, your feed company nutritionist, or Bioproducts directly.

Guidelines for feeding Ener GII™

- *When used in a concentrate mix or total mixed ration, start with a quarter of a pound per cow 21 days before freshening. After calving, gradually increase it in quarter-pound increments until you reach the desired feeding level in about 2-3 weeks.*
- *When used in a top-dressing feeding program, start with one-tenth of a pound per cow and gradually increase the amount after calving.*
- *Maximize intake of high quality forages.*
- *Provide an adequate level of undegradable (rumen bypass) protein to support desired milk yield.*

Additional information

Please call 1-800-225-4519 for more information, or to find out which feed manufacturers or distributors carry Ener GII™ rumen bypass energy.



BIOPRODUCTS™

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